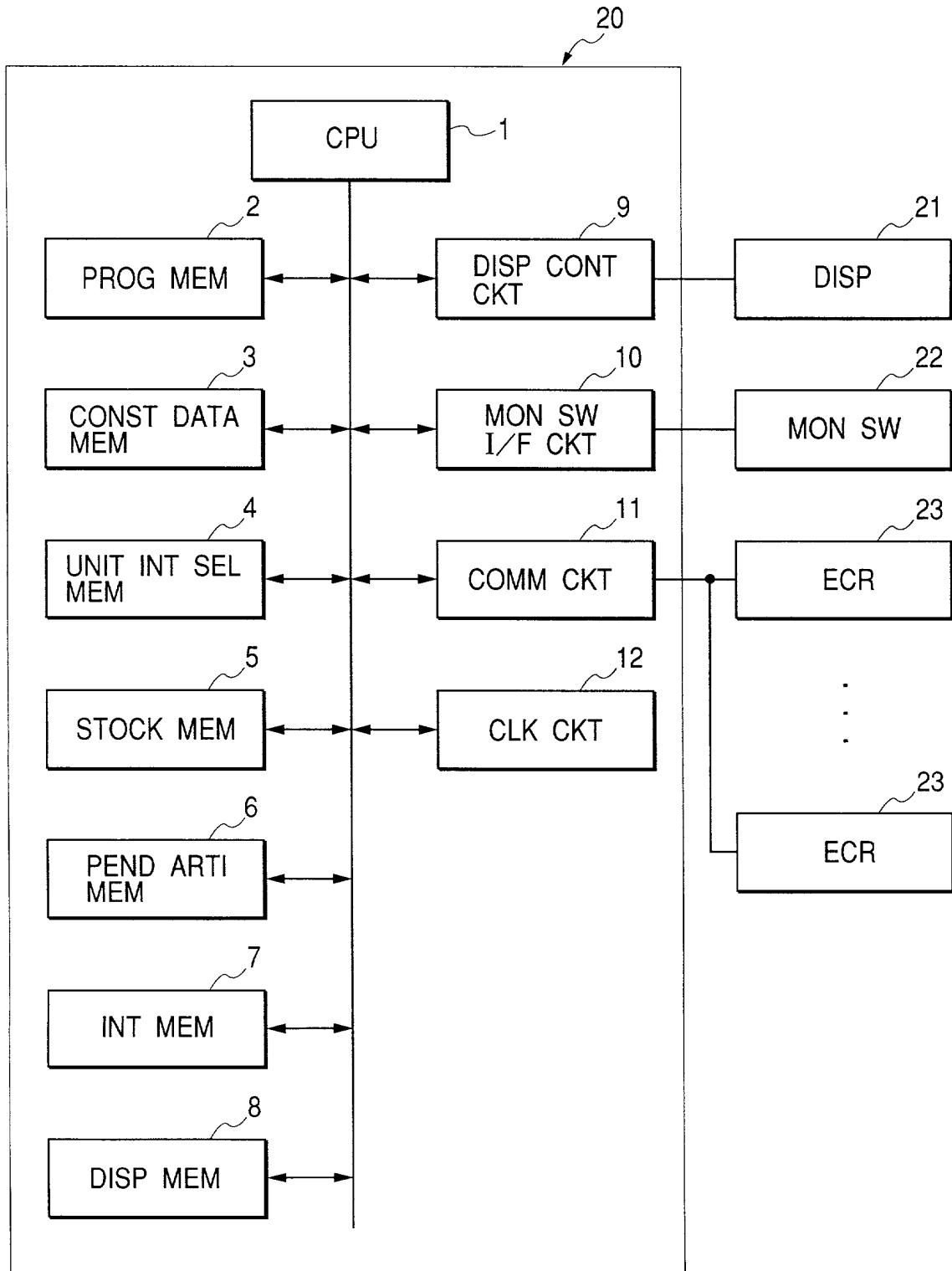


**FIG. 1**

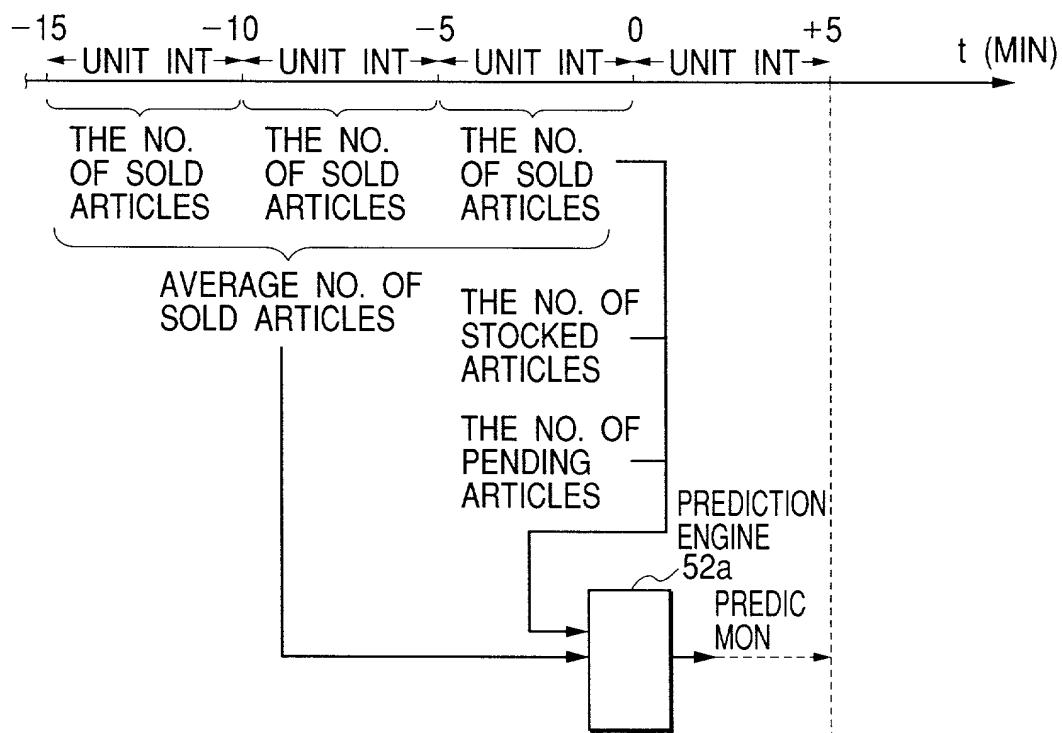
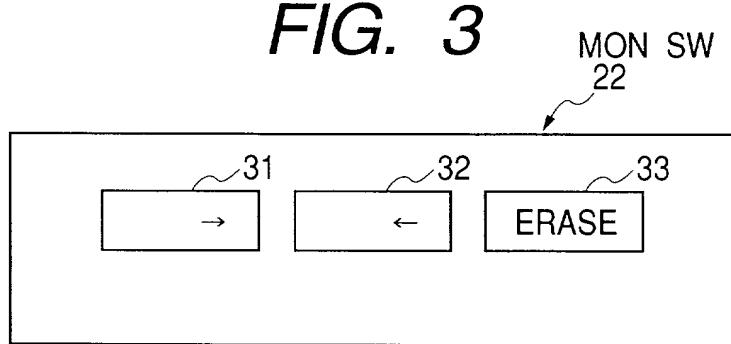
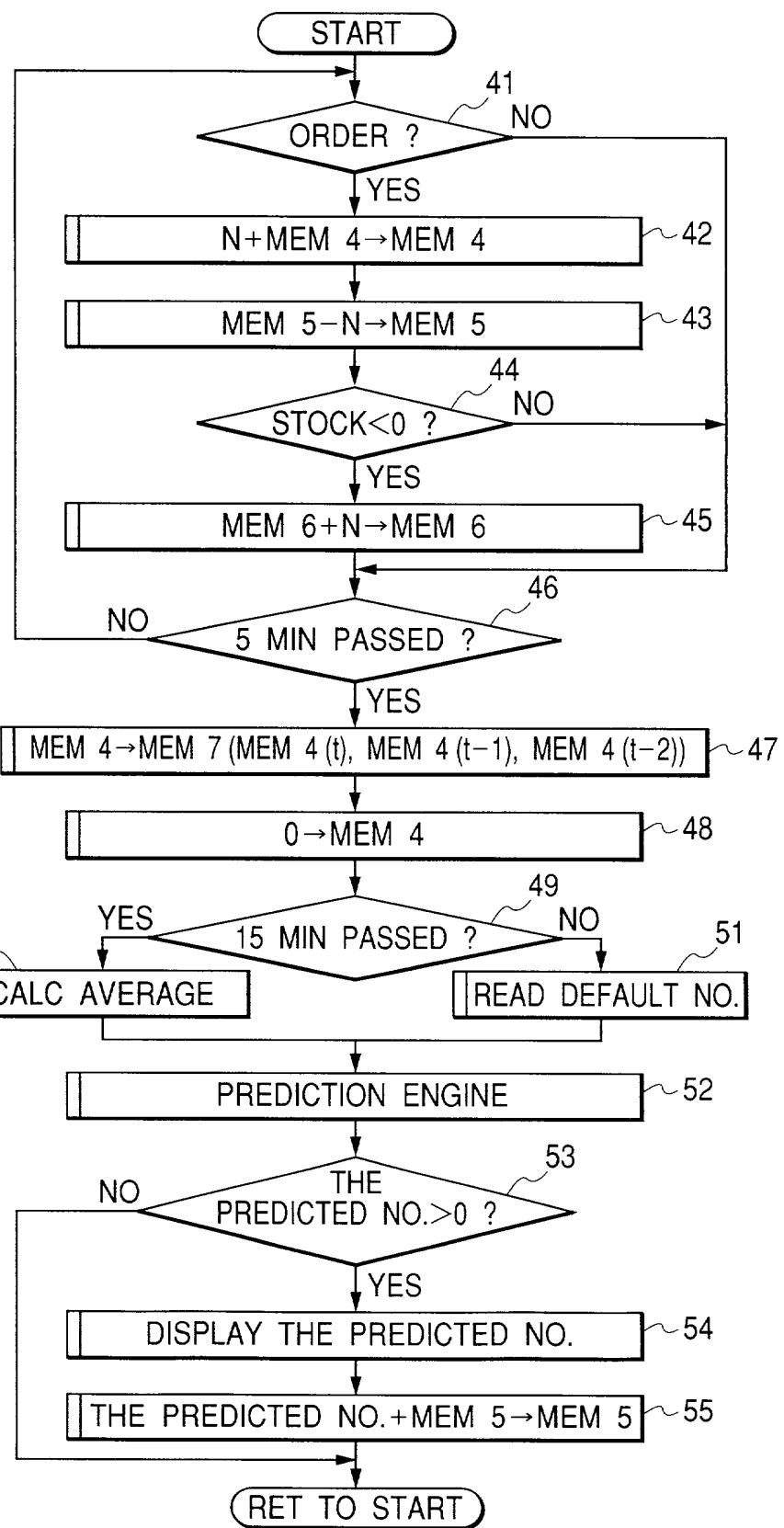
**FIG. 2A****FIG. 2B****FIG. 3**

FIG. 4

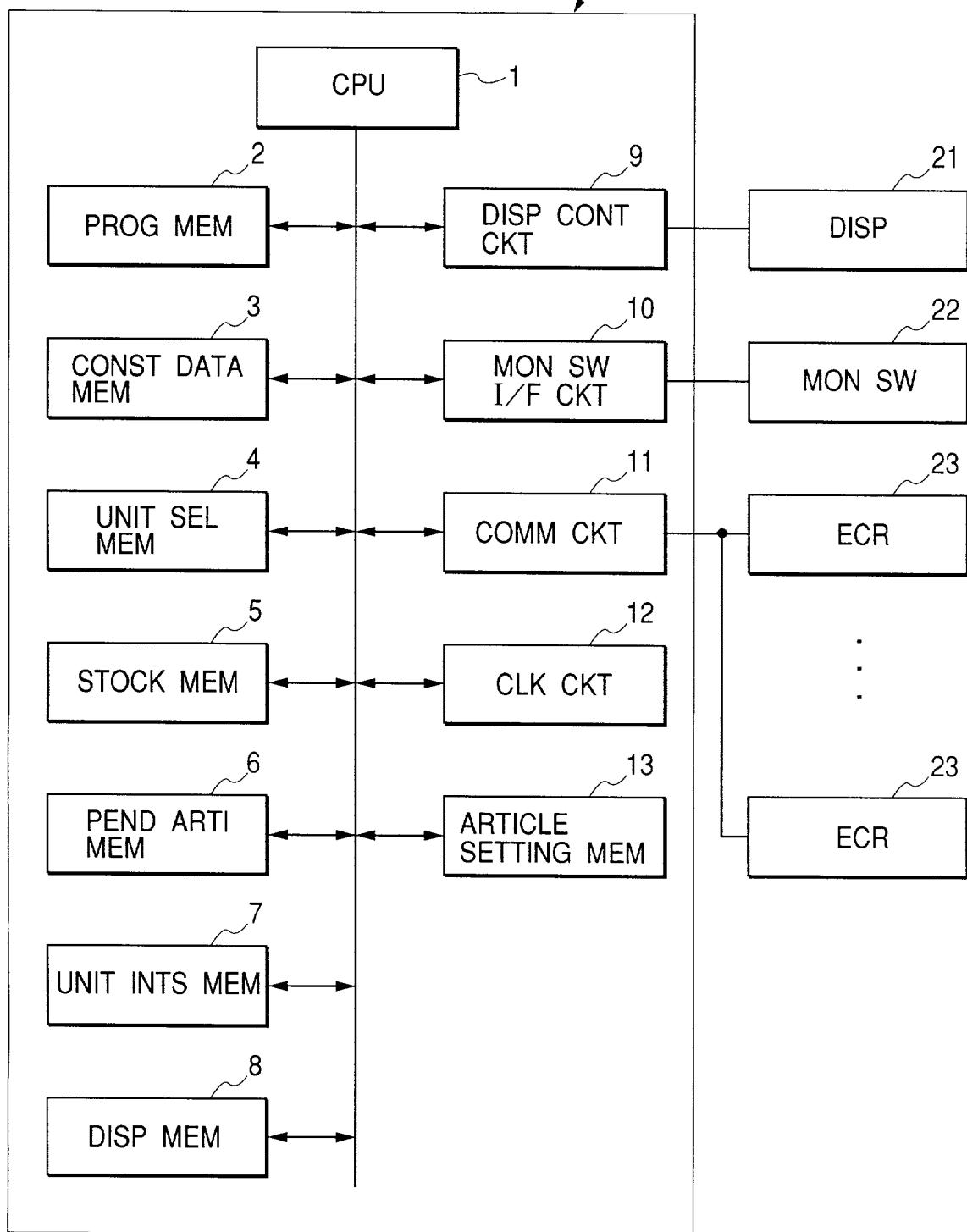


**FIG. 5**

DISP  
21

PREDICTION	PREDICTION	PREDICTION	
6 HAMBURGER	2 M NUGGET	2 S COLA	
2 CHEESEBURGER	1 L NUGGET	3 M COLA	
1 BIG HAMBURGER	6 M FRY		
3 S FRY	1 L FRY		

FIG. 6

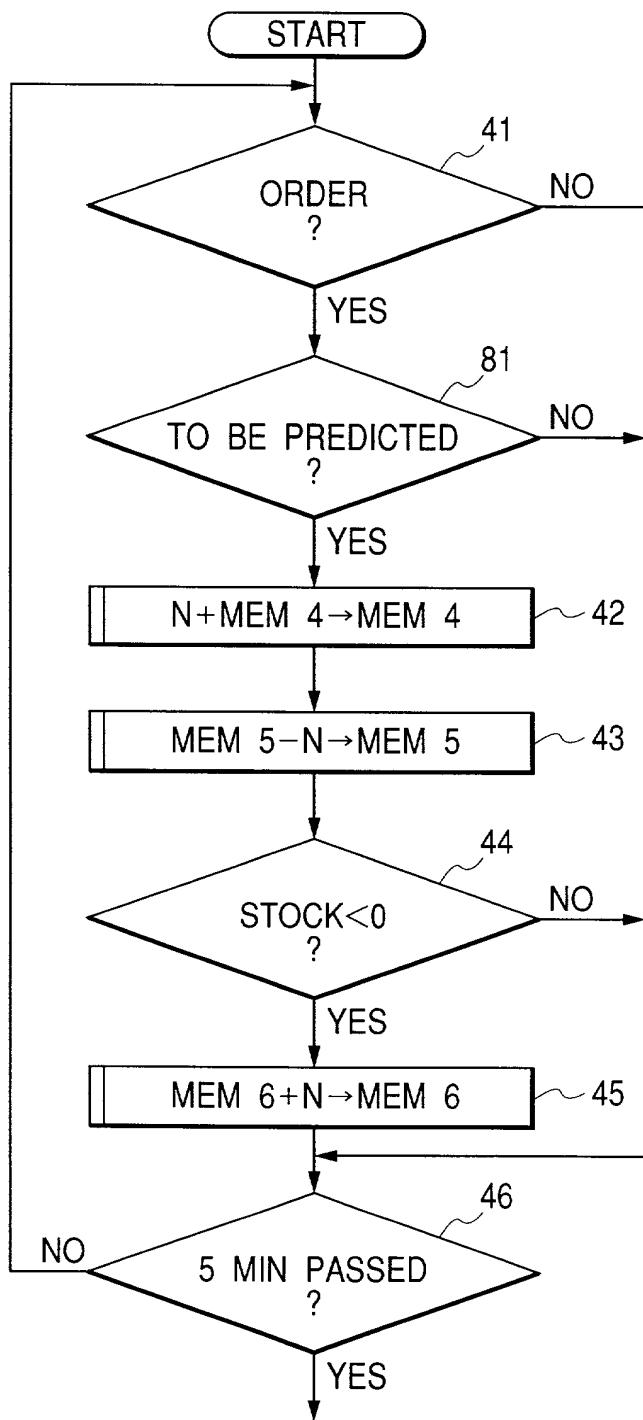
KITCHEN VIDEO  
CONT  
20A

**FIG. 7**

ARTICLE SETTING MEM

ARTICLE NAME	PREDICTION CONT FLG
HAMBURGER	1
BIGBURGER	1
CHEESEBURGER	1
FRY	1
S POTATO	1
M POTATO	1
L POTATO	1
S NUGGET	1
M NUGGET	1
L NUGGET	1
S COLA	0
M COLA	0
L COLA	0

FIG. 8



**FIG. 9**

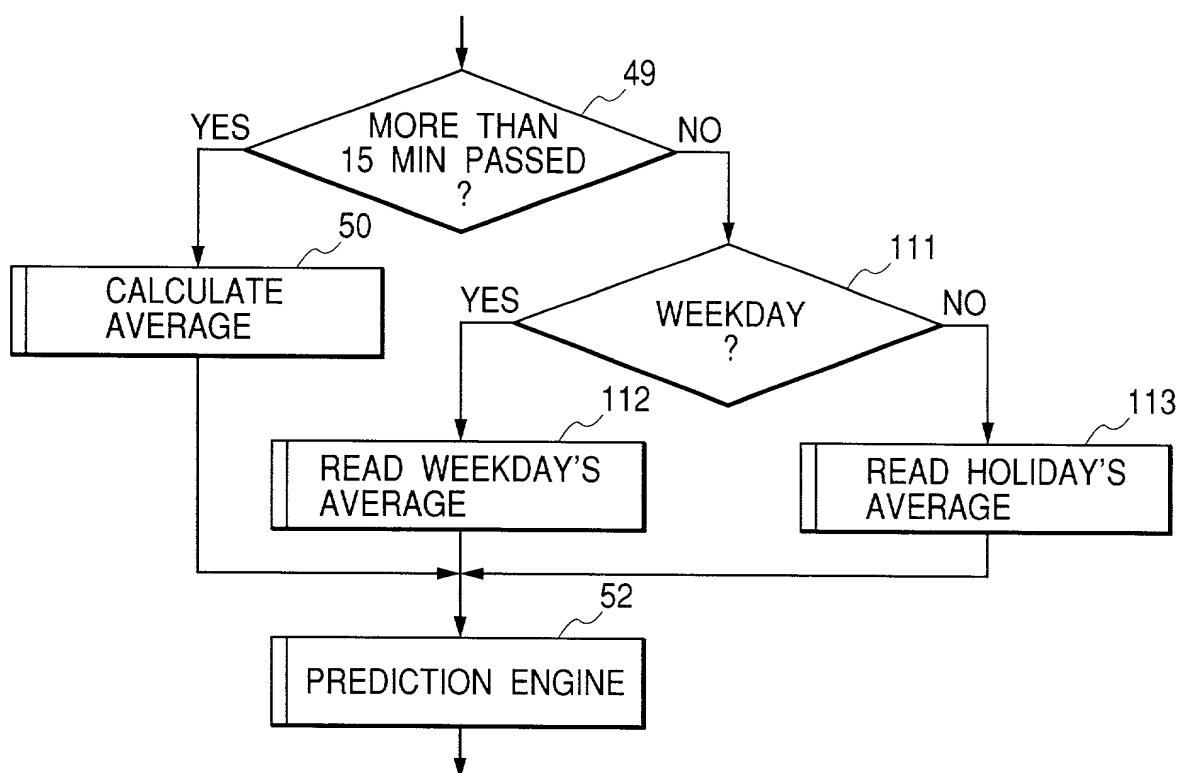
ARTICLE SETTING MEMORY

ARTICLE NAME	AVERAGE
HAMBURGER	10
BIGBURGER	1
CHEESEBURGER	5
FRY	3
S POTATO	2
M POTATO	15
L POTATO	5
S NUGGET	1
M NUGGET	4
L NUGGET	2

**FIG. 10**

ARTICLE SETTING MEMORY

ARTICLE NAME	AVERAGE	
	WEEKDAYS	HOLIDAY
HAMBURGER	10	15
BIGBURGER	1	3
CHEESEBURGER	5	9
FRY	3	6
S POTATO	2	3
M POTATO	15	25
L POTATO	5	8
S NUGGET	1	4
M NUGGET	4	6
L NUGGET	2	3

***FIG. 11******FIG. 12***

ARTICLE SETTING MEMORY

ARTICLE NAME	MAX
HAMBURGER	60
BIGBURGER	30
CHEESEBURGER	60
FRY	40
S POTATO	80
M POTATO	80
L POTATO	80
S NUGGET	40
M NUGGET	30
L NUGGET	25

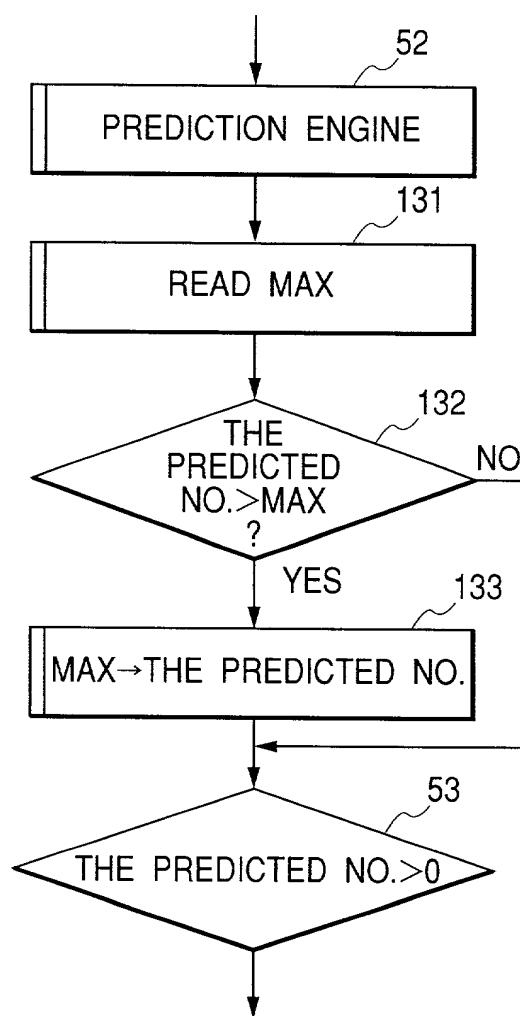
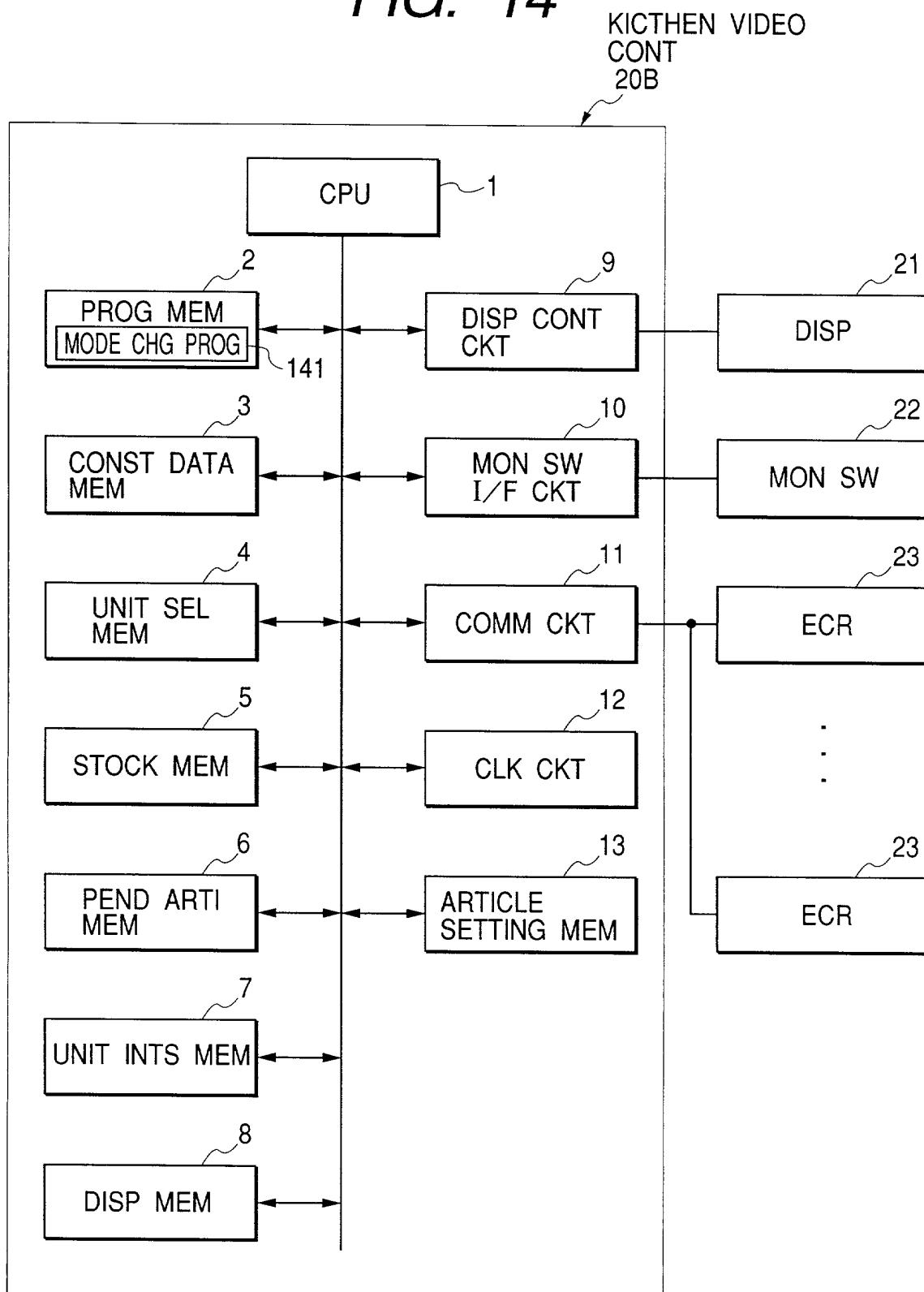
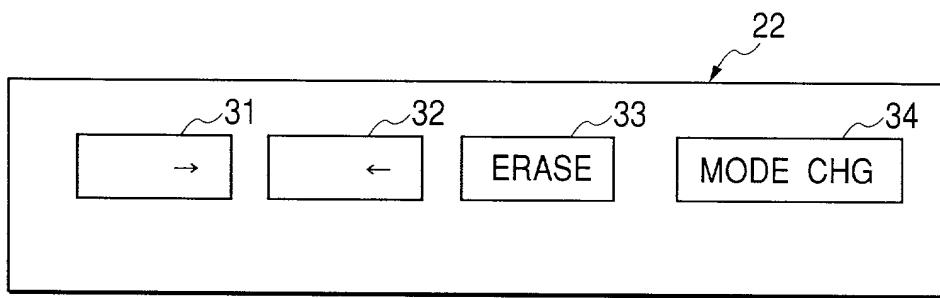
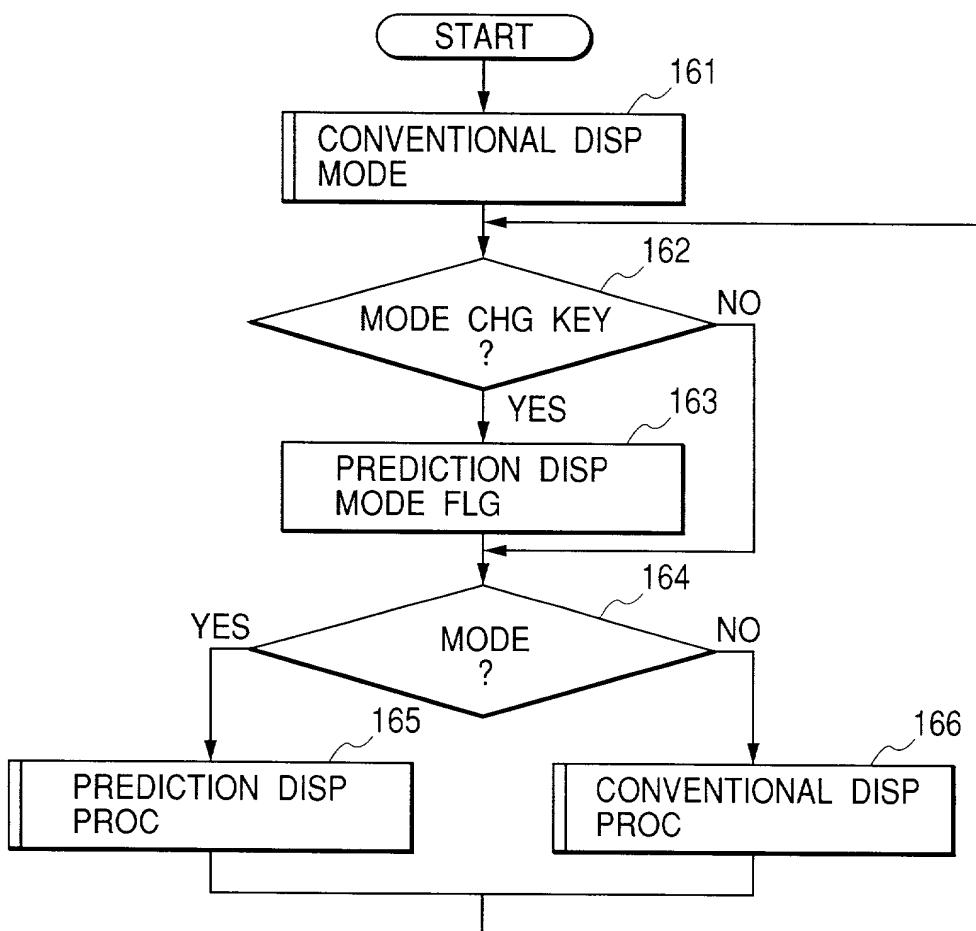
*FIG. 13*

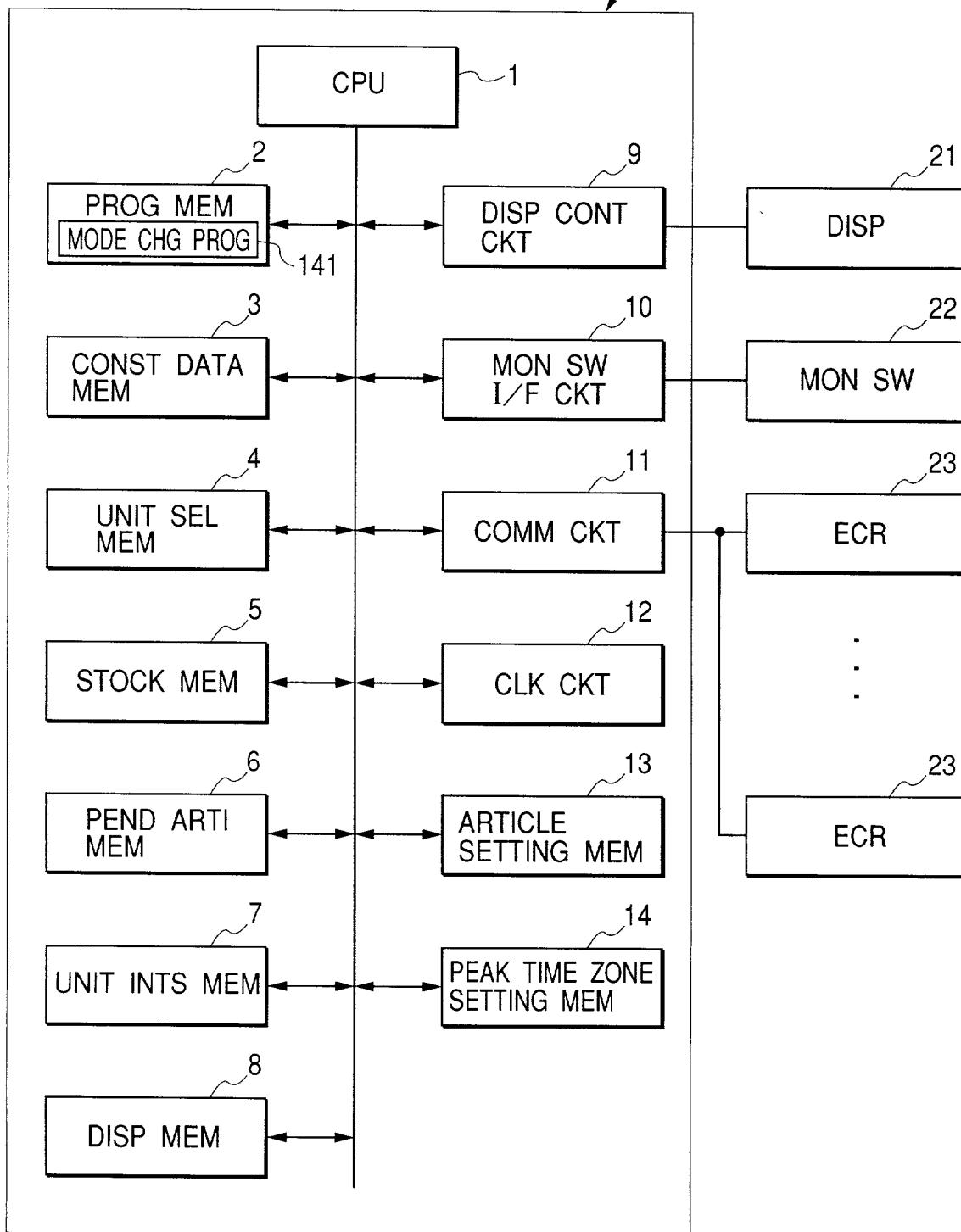
FIG. 14



***FIG. 15******FIG. 16***

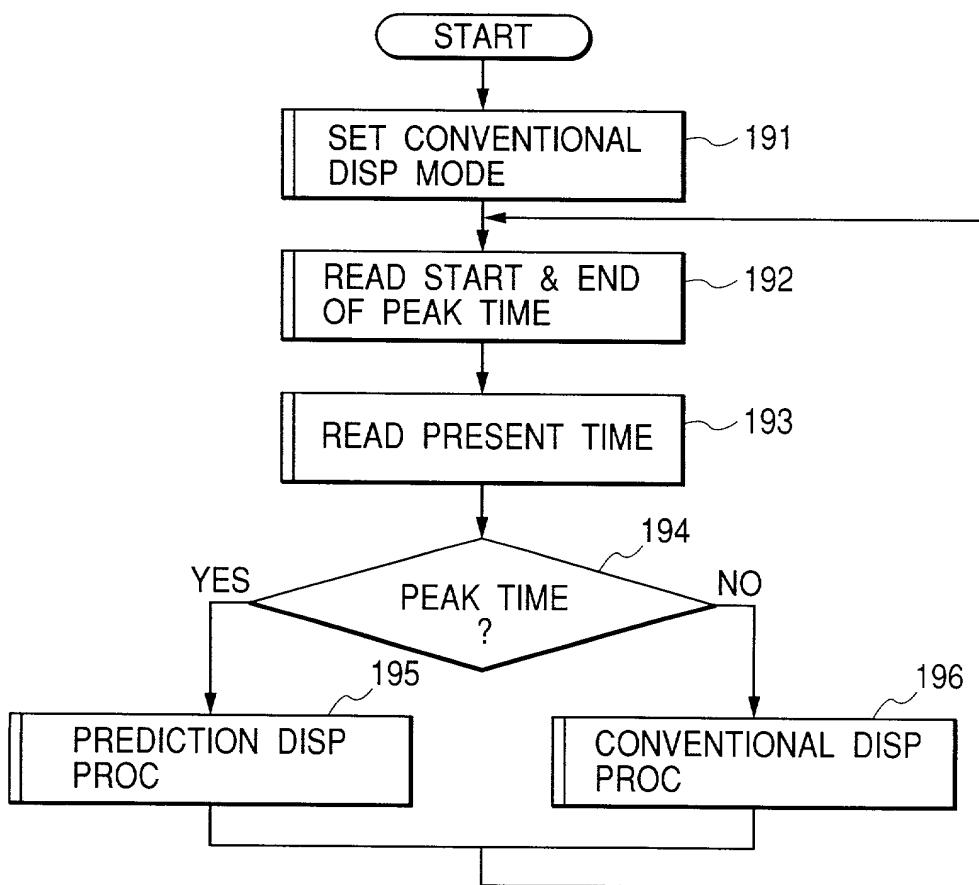
**FIG. 17**

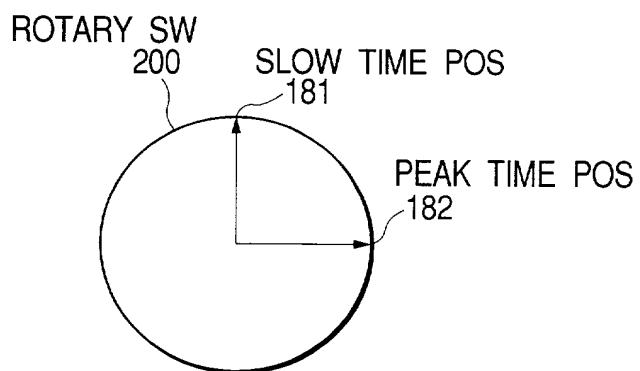
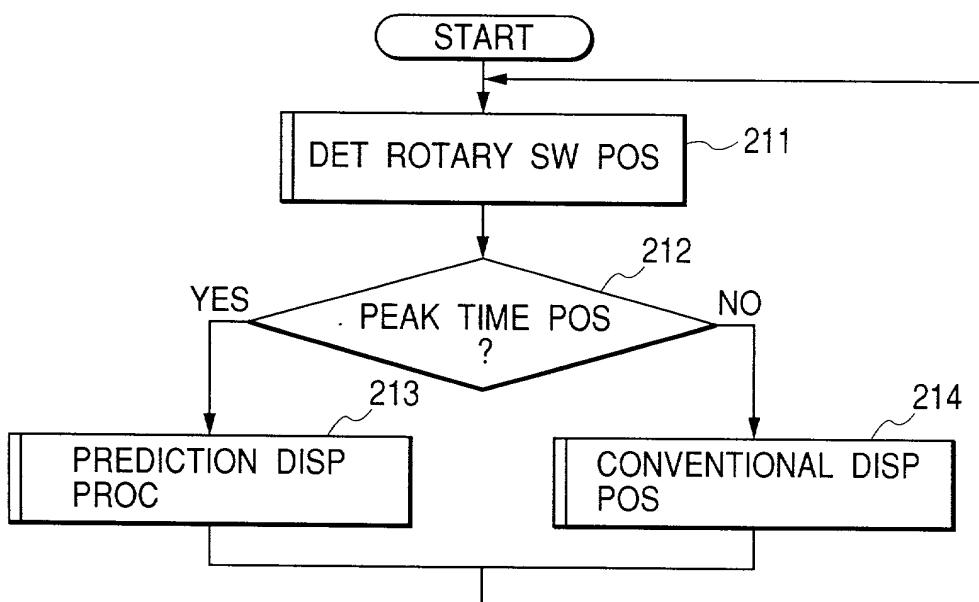
KITCHEN VIDEO  
CONT  
20C



***FIG. 18***

START TIME OF PEAK TIME	11:00	181
END TIME OF PEAK TIME	14:00	182

***FIG. 19***

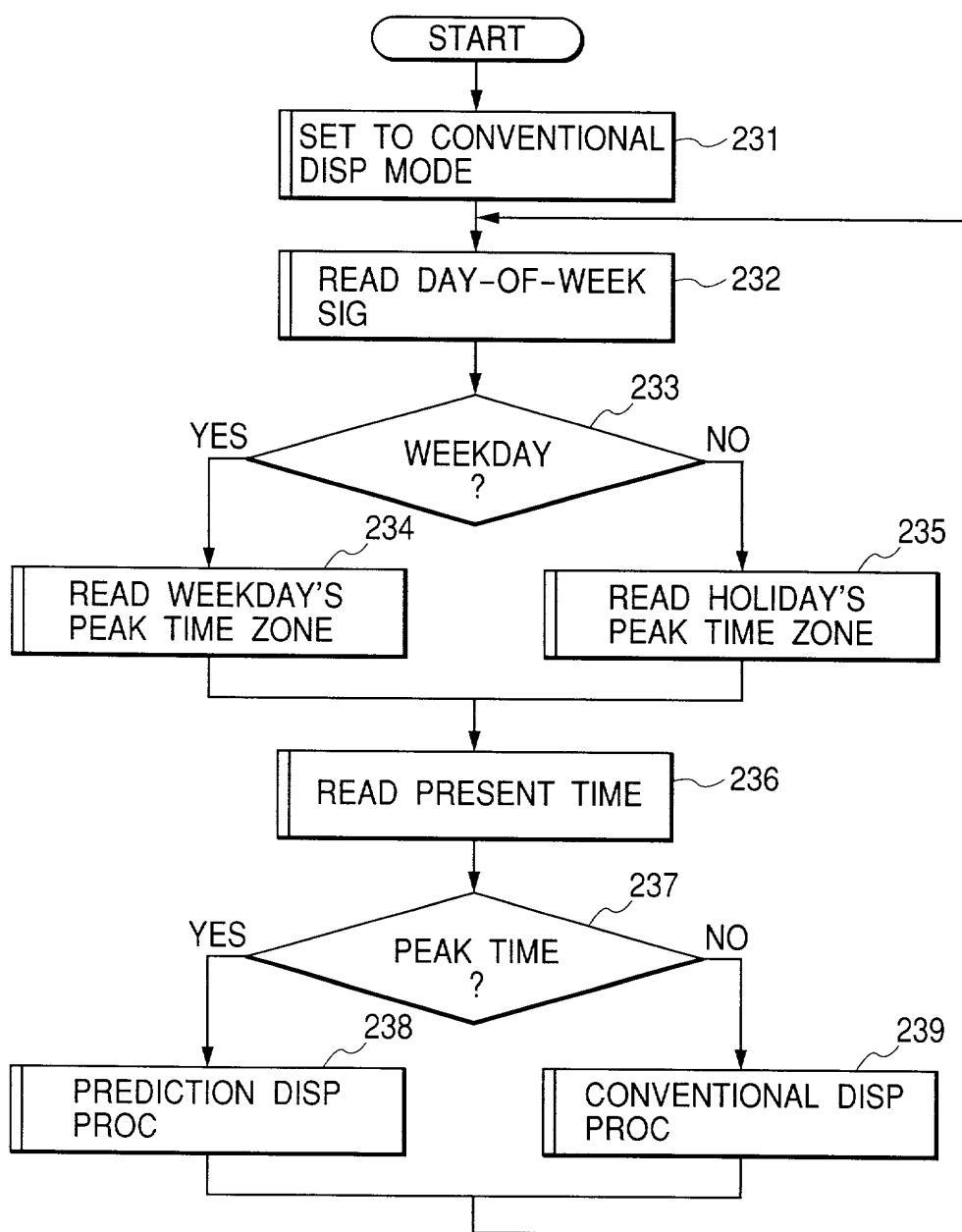
**FIG. 20****FIG. 21****FIG. 22**

WEEKDAY'S PEAK TIME ZONE	11:30~13:30
HOLIDAY'S PEAK TIME ZONE	11:00~14:30

221

222

FIG. 23



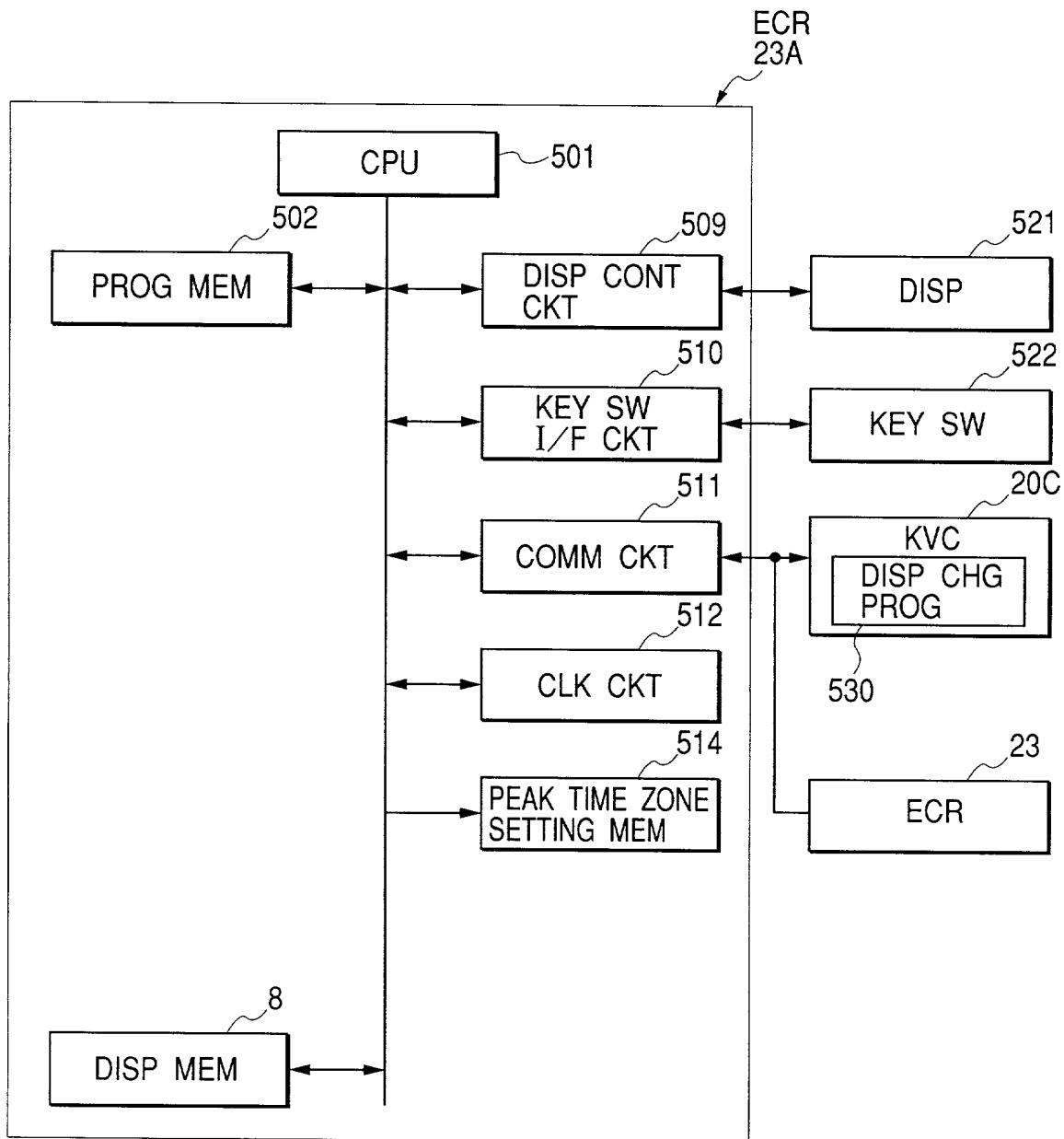
***FIG. 24A***

FIG. 24B

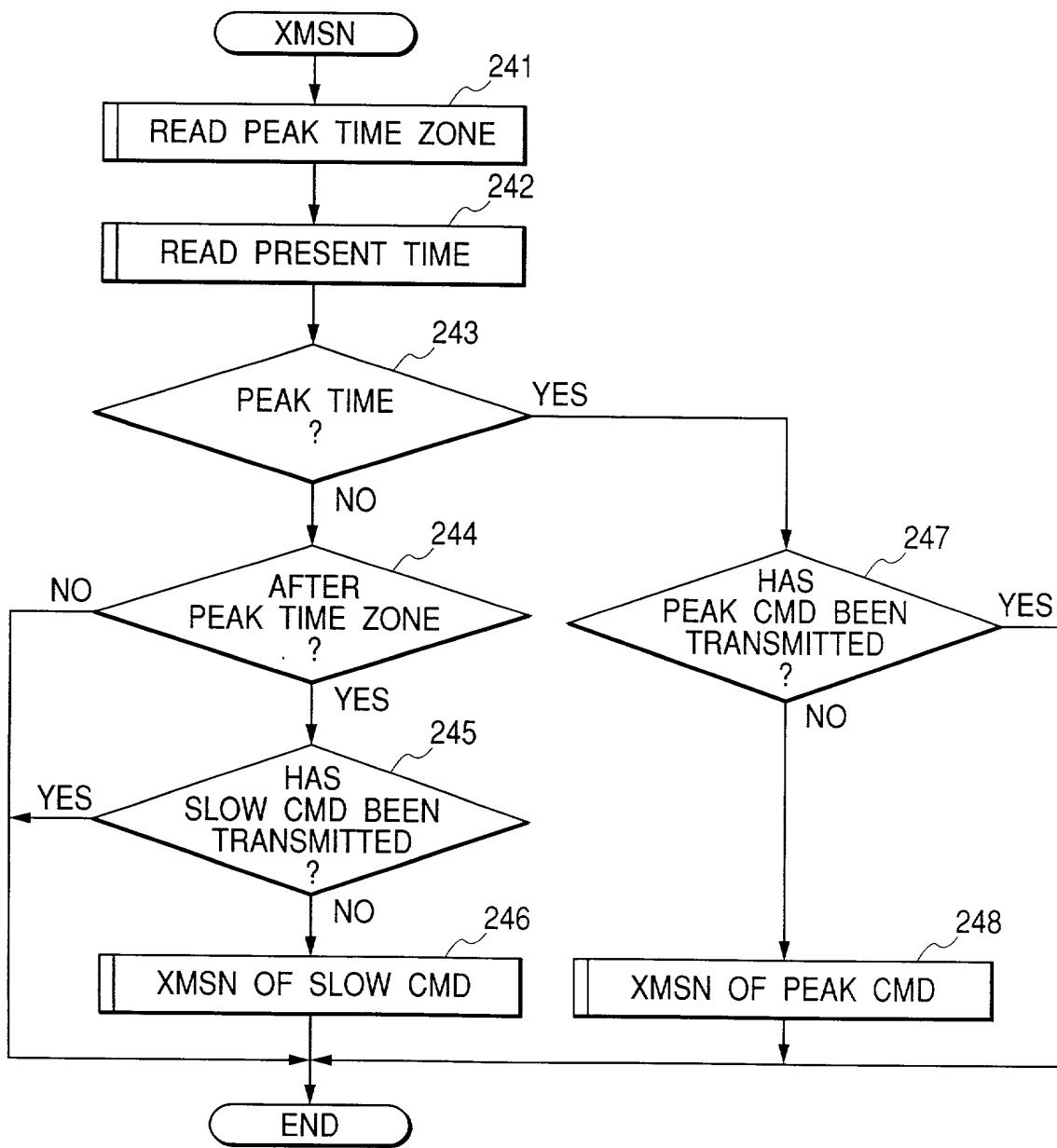


FIG. 25

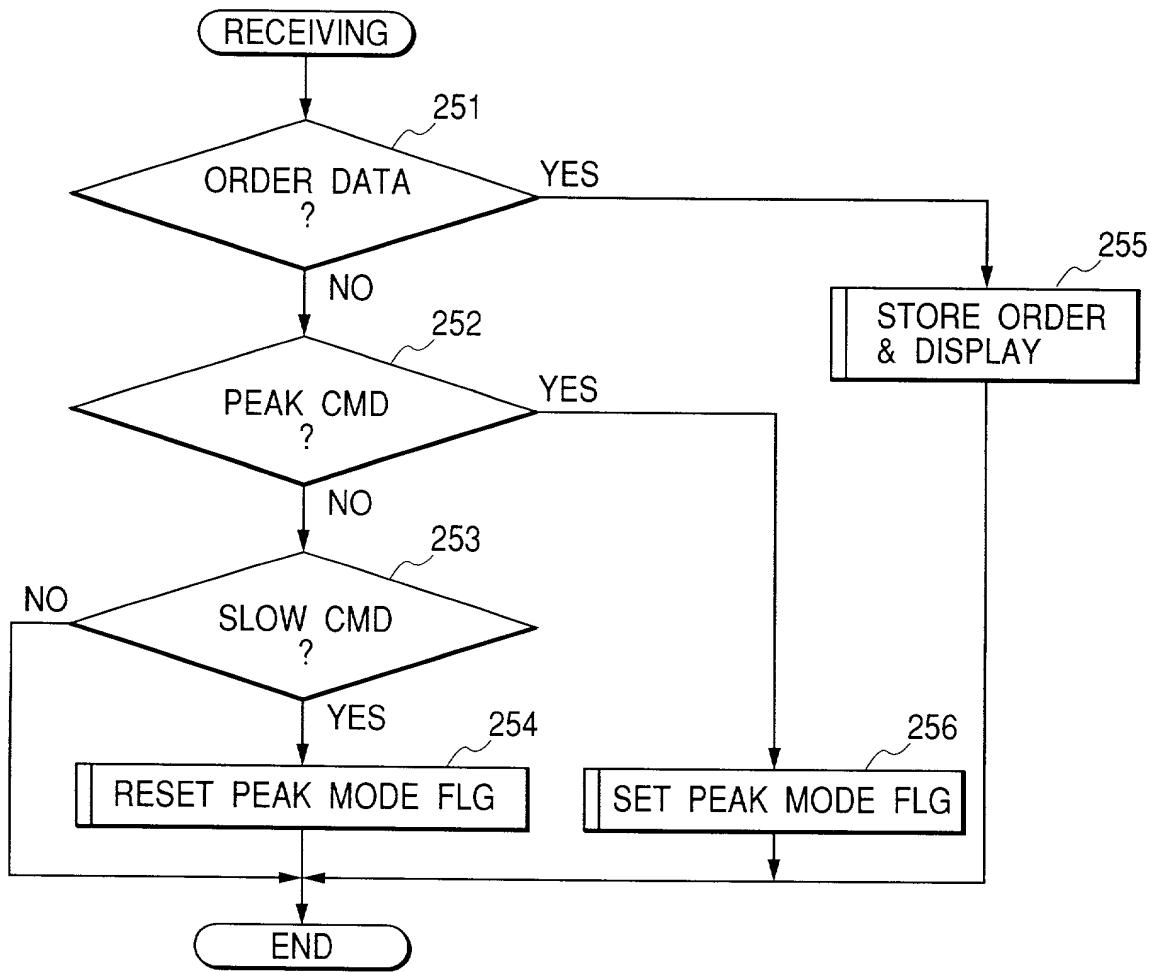
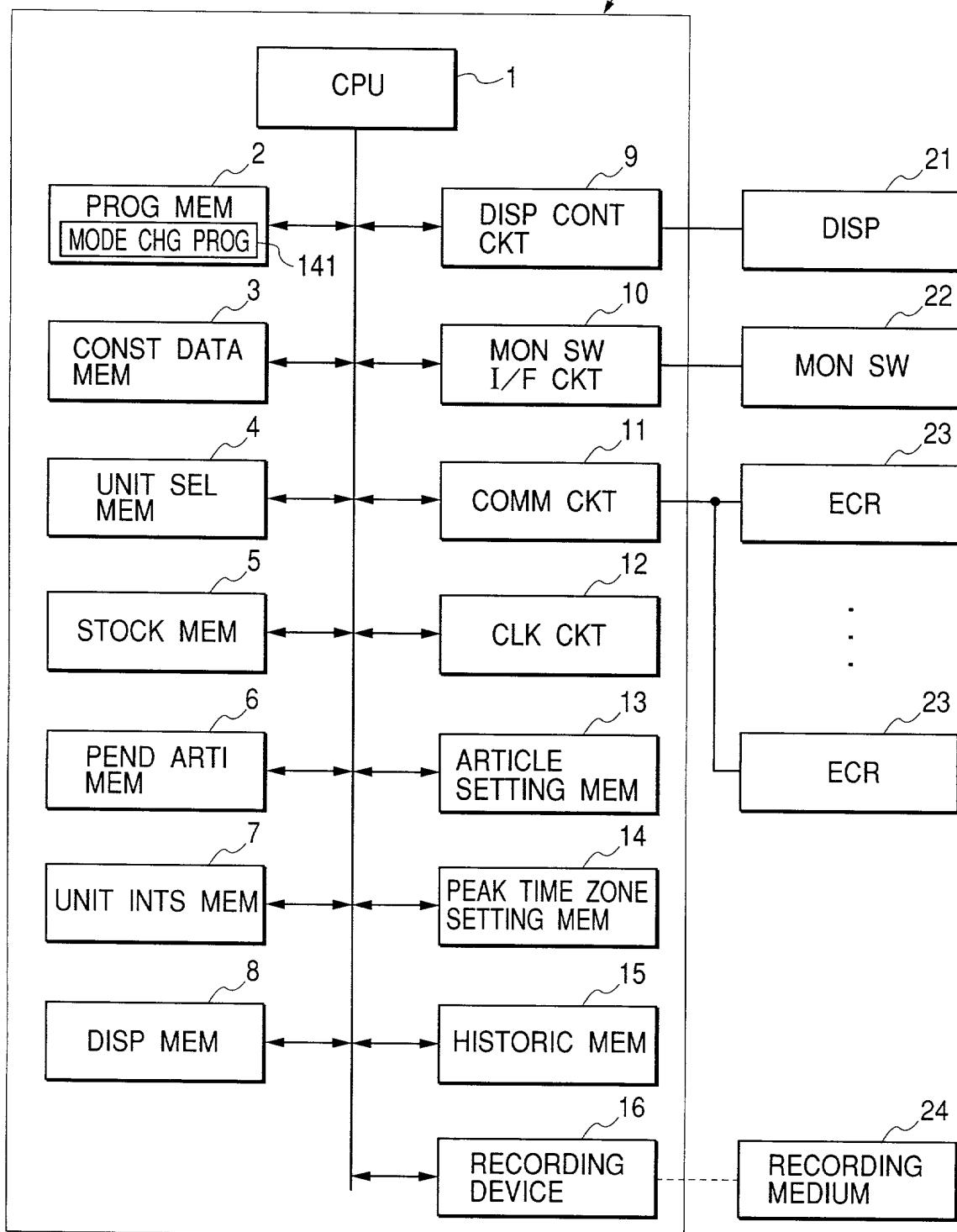


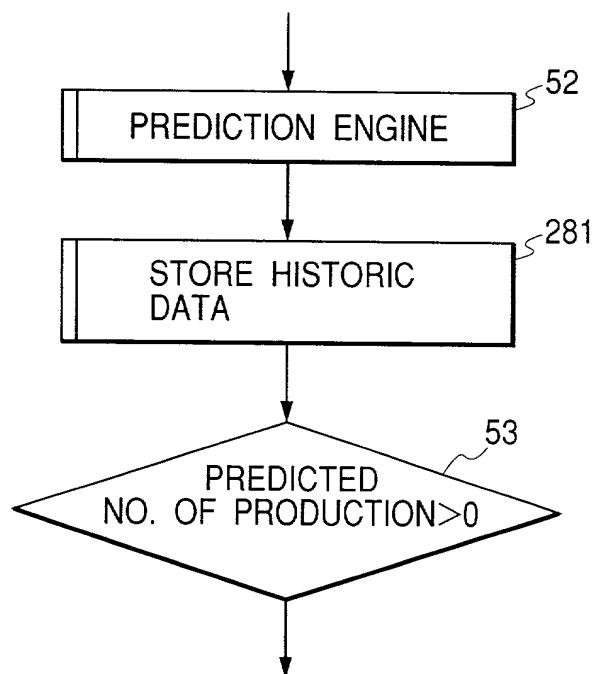
FIG. 26

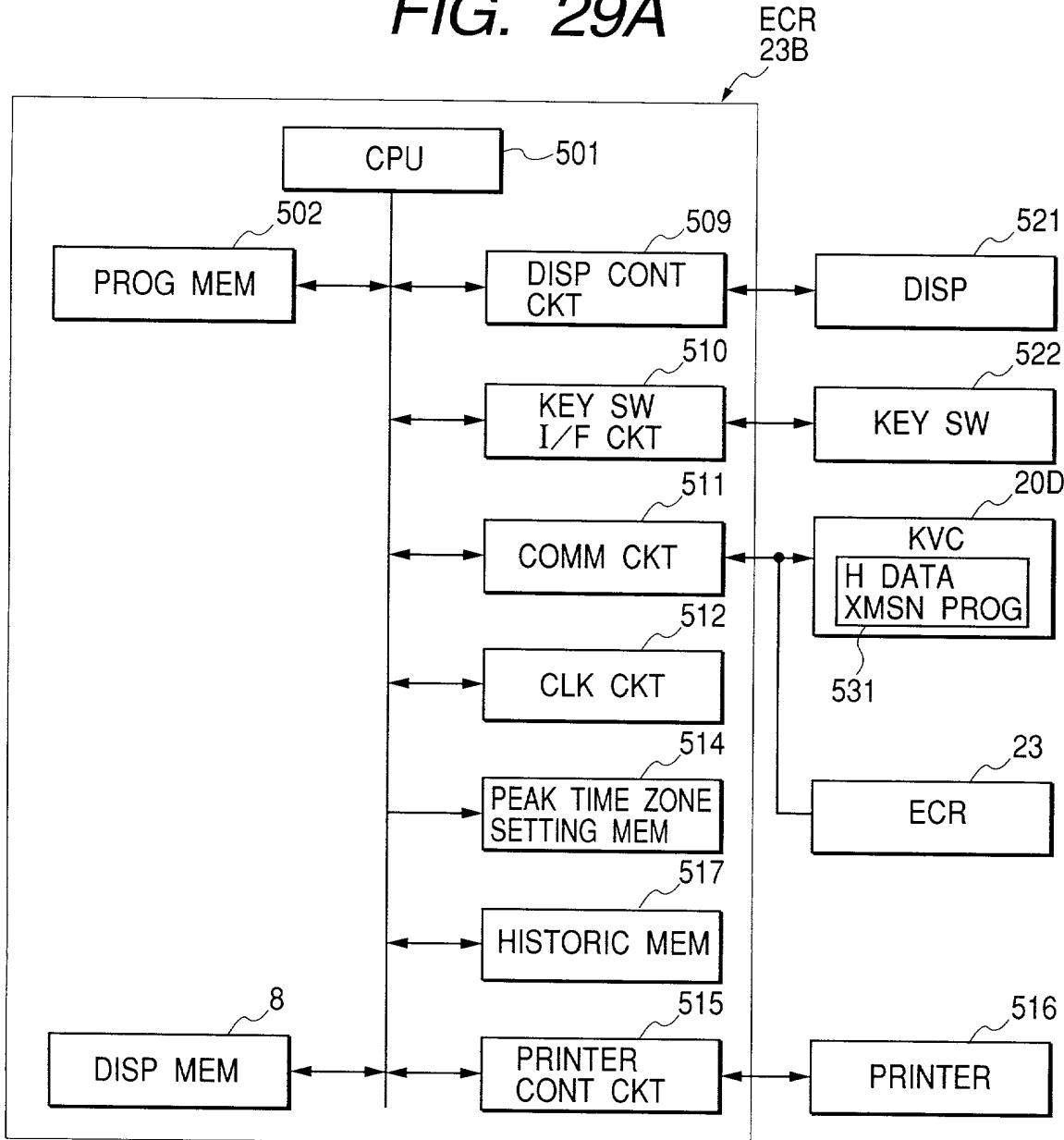
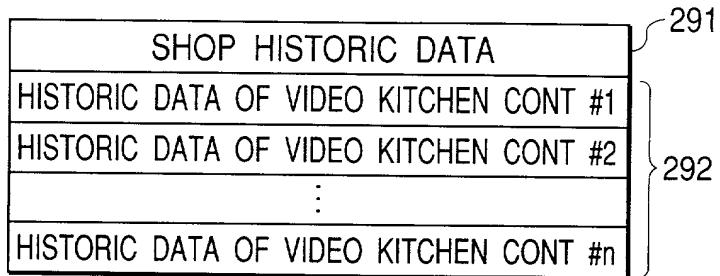
KITCHEN VIDEO  
CONT  
20D

**FIG. 27**

15

UNIT INT	THE NO. OF STOCKS	THE NO. OF PENDING ARTICLES	THE NO. OF SOLD ARTICLES	THE NO. OF PRODUCTIONS
8:01-8:05	0	0	2	3
8:06-8:10	1	0	4	5
8:11-8:15	2	1	3	4
8:16-8:20	1	0	5	4
8:21-8:25	0	0	5	5
:				
:				
21:21-21:25	1	0	1	1
21:26-21:30	0	1	15	0

**FIG. 28**

**FIG. 29A****FIG. 29B**

***FIG. 30***

REPORT OF HISTORIC DATA OF VIDEO KITCHEN CONT #1					
UNIT INT	THE NO. OF STOCKS	THE NO. OF PENDING ARTICLES	THE NO. OF SOLD ARTICLES	THE NO. OF ORDERED PRODUCTS	ERROR
8:01-8:05	0	0	2	3	1
8:06-8:10	1	0	4	5	1
8:11-8:15	2	1	3	4	1
8:16-8:20	1	0	5	4	-1
8:21-8:25	0	0	5	5	0
...					
...					

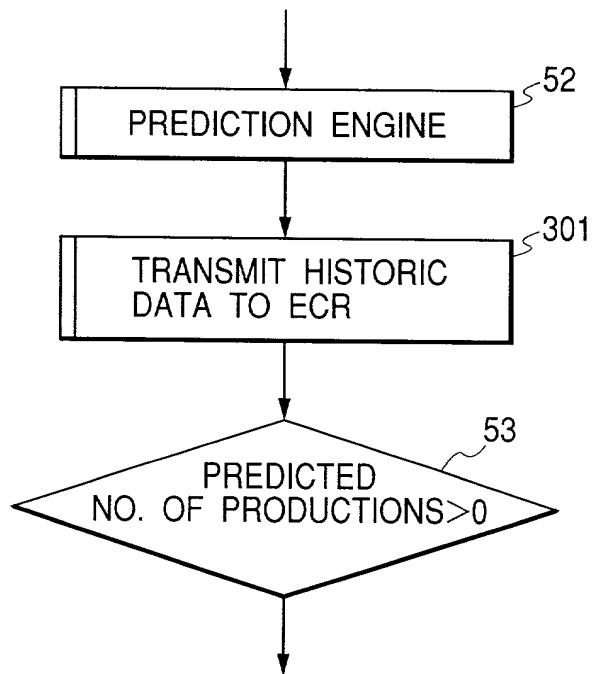
***FIG. 31***

FIG. 32

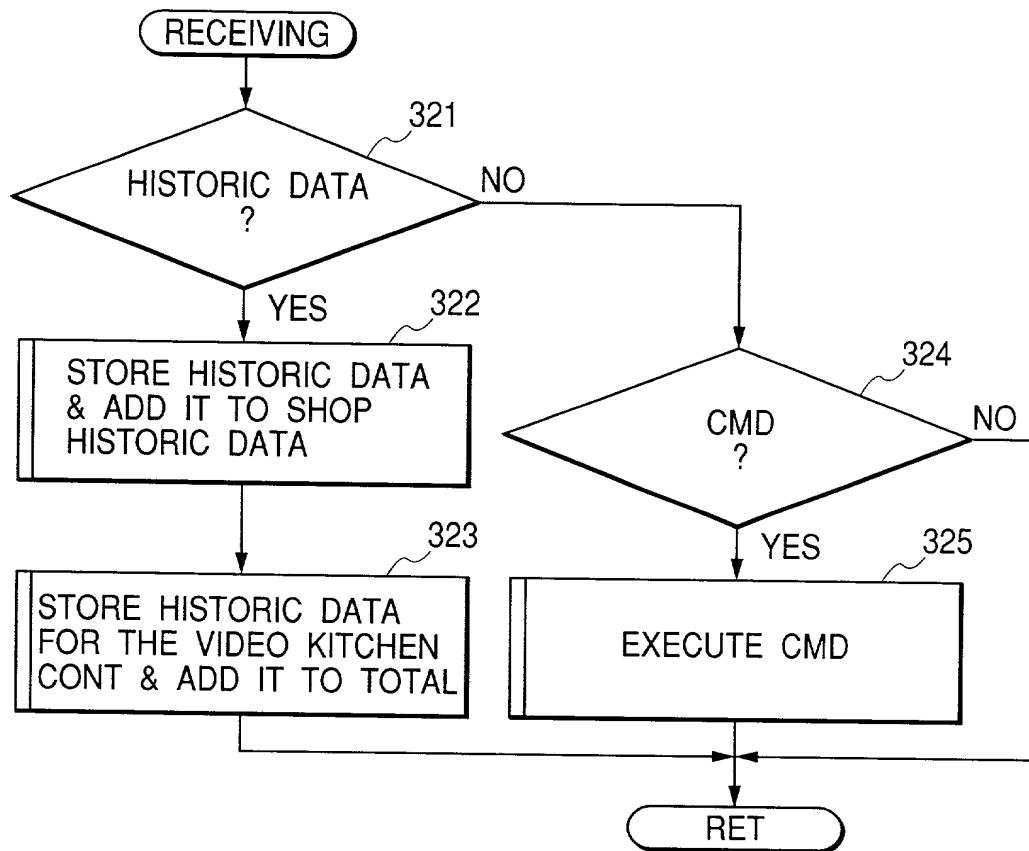
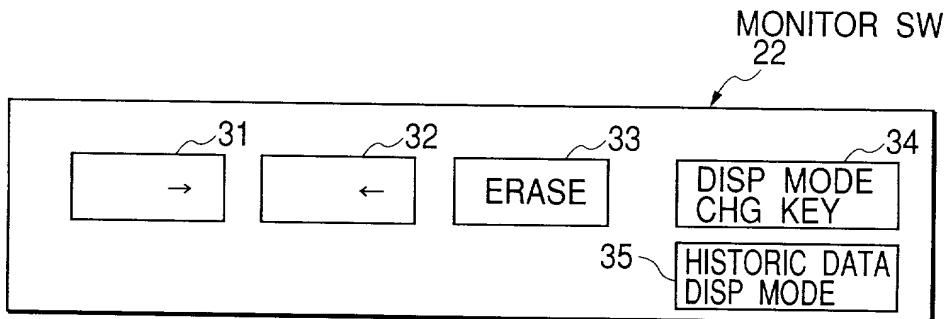


FIG. 33



**FIG. 34**

DISP  
21

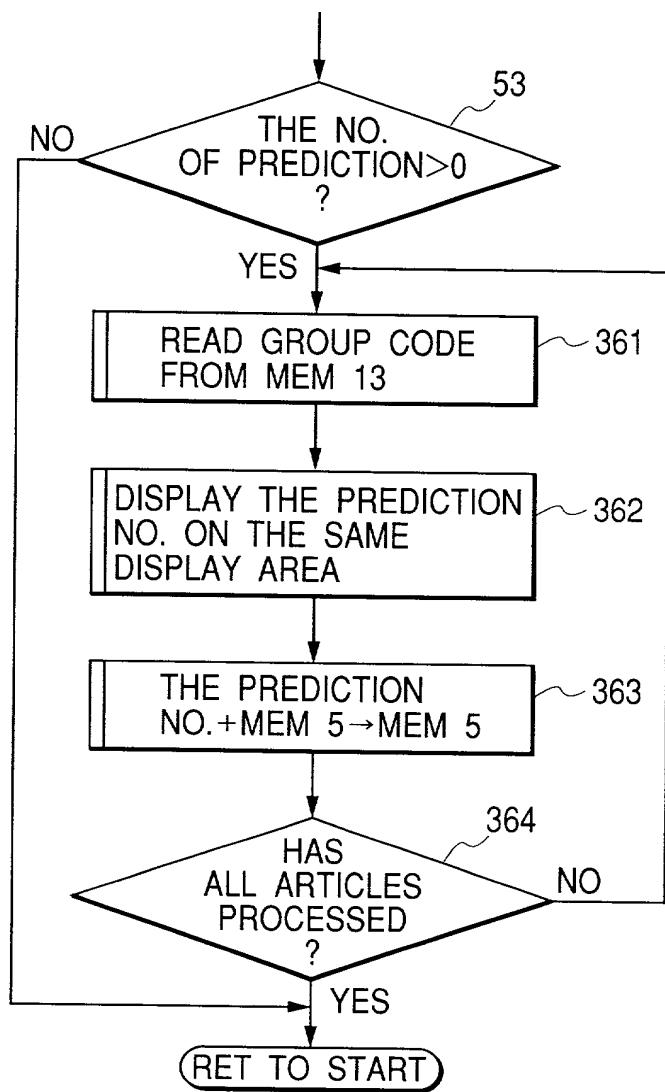
UNIT INT	THE NO. OF STOCKS	THE NO. OF PENDING ARTICLES	THE NO. OF SOLD ARTICLES	THE NO. OF PRODUCTIONS
8:01-8:05	0	0	2	3
8:06-8:10	1	0	4	5
8:11-8:15	2	1	3	4
8:16-8:20	1	0	5	4
8:21-8:25	0	0	5	5
⋮	⋮	⋮	⋮	⋮

**FIG. 35**

ARTICLE SETTING MEMORY  
13                    351

ARTICLE NAME	GROUP CODE
HAMBURGER	1
BIGBURGER	1
CHEESEBURGER	1
FRY	4
S POTATO	3
M POTATO	3
L POTATO	3
S NUGGET	2
M NUGGET	2
L NUGGET	2
S COLA	5
M COLA	5
L COLA	5

FIG. 36



**FIG. 37**

DISP  
21

PREDICTION	PREDICTION	PREDICTION	
6 HAMBURGER	2 M NUGGET	3 S FRY	
2 CHEESEBURGER	1 L NUGGET	6 M FRY	
1 BIGBURGER		1 L FRY	
(FOR GROUP CODE 1)	(FOR GROUP CODE 2)	(FOR GROUP CODE 3)	

**FIG. 38**ARTICLE SETTING MEMORY  
13

13

ARTICLE NAME	TIME LIMIT (MIN)
HAMBURGER	10
BIGBURGER	10
CHEESEBURGER	10
FRY	10
S POTATO	5
M POTATO	5
L POTATO	5
S NUGGET	10
M NUGGET	10
L NUGGET	10
S COLA	0
M COLA	0
L COLA	0

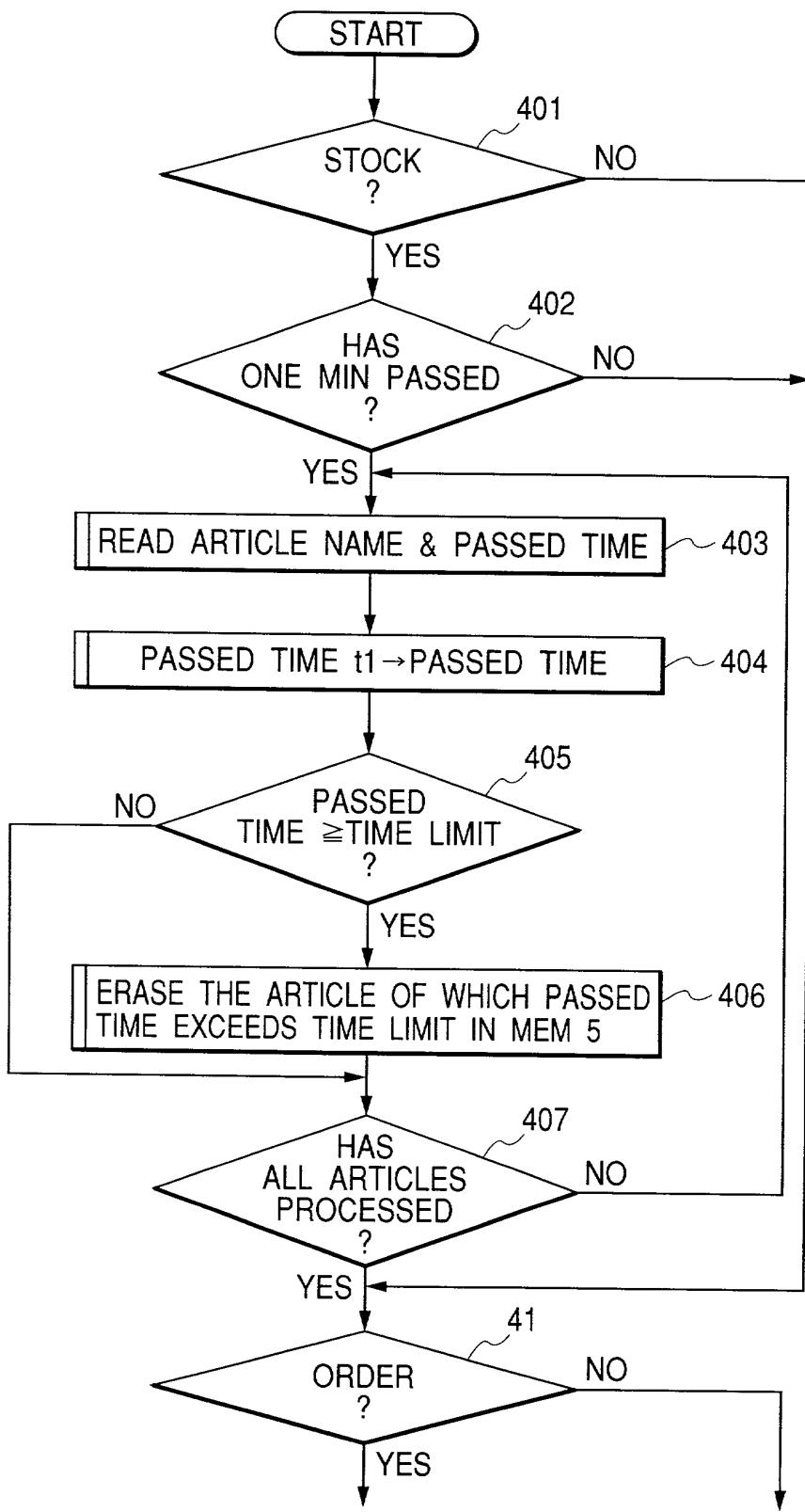
***FIG. 39***

STOCK MEMORY  
5

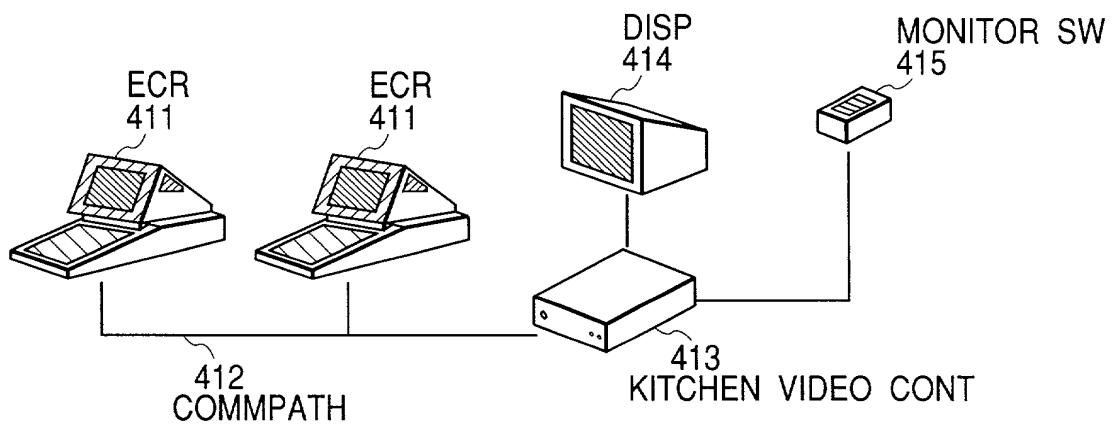


ARTICLE NAME	THE NO. OF STOCKS	PASSED TIME (MIN)
HAMBURGER	5	7
BIGBURGER	3	2
CHEESEBURGER	0	0
FRY	0	0
S POTATO	1	0
M POTATO	4	3
L POTATO	1	2
S NUGGET	0	0
M NUGGET	3	0
L NUGGET	0	0
S COLA	0	0
M COLA	0	0
L COLA	0	0

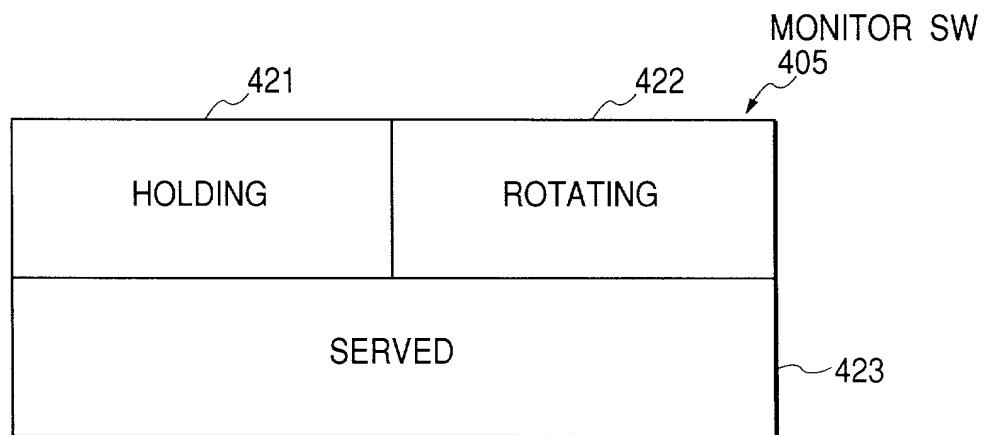
FIG. 40



**FIG. 41  
PRIOR ART**



**FIG. 42  
PRIOR ART**



**FIG. 43**  
**PRIOR ART**

#0103	#0104	#0105	
2 HAMBURGER	2 NUGGET	1 HAMBURGER	
2 CHEESEBURGER	1 S FRY	1 CHEESEBURGER	
1 L FRY	2 CHEESEBURGER	1 M FRY	
3 TEA	1 HAMBURGER	1 COLA	
	2 COLA		

**FIG. 44**  
**PRIOR ART**

#0104	#0105		
2 NUGGET	1 HAMBURGER		
1 S FRY	1 CHEESEBURGER		
2 CHEESEBURGER	1 M FRY		
1 HAMBURGER	1 COLA		
2 COLA			